On Problems of Rock Disintegration. Transactions of SOV/30 the Conference in the Mining Institute

507/30-58-8-33/43

up of quartzites from the anomalous magnetic ores from Kursk and from ores of other sites.

A.P.Ostrovskiy, A.I.Gol'binder and A.A.Pavlichenko on new methods of blasting in the drift advance of bore holes.

M.I.Koyfman on rules governing the rock disintegration by means of rotating and percussion drilling.

R.M.Eygeles on the dependence of bore thrust; on the drill pressure, on the drill speed, on rock properties etc.

Ye.I.Il'nitskaya on mechanical extraction of coal.

N.G.Karatavoy on the specific pressure distribution on the leading edge of the cutter in coal extraction.

At the end of the conference it was emphasized that the majority of research work which has hitherto been conducted was entirely of an experimental nature. Theoretical and experimental research is to be intensified in the future.

Card 2/2

BERON, Aba Isaakovich, kand. tekhn. nauk; KAZANSKIY, Anatoliy
Sergeyevich, kand. tekhn.nauk; LEYBOV, Boris Mikhaylovich,
starshiy nauchnyy sotr.; POZIN, Yevgeniy Zal'manovich,
kand.tekhn.nauk; SHOROKHOVA, A.V., red. izd-va; PROZOROVSKAYA,
V.L., tekhn. red.

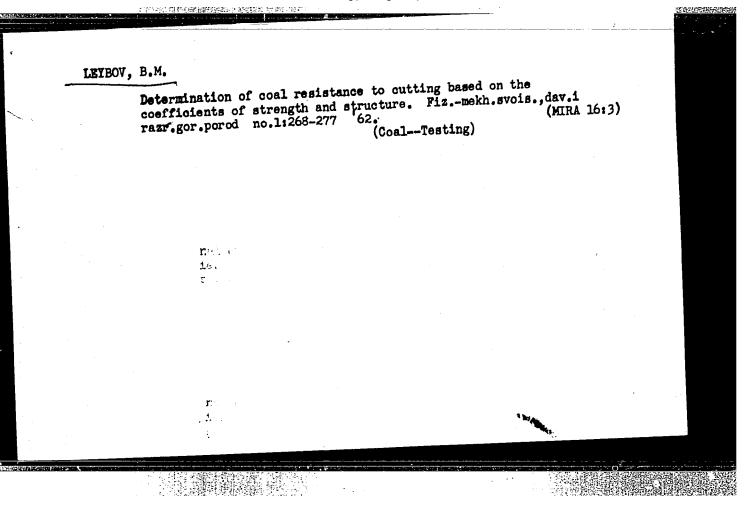
[Cutting of coal] Rezanie uglia. Moskva, Gosgortekhizdat,
1962. 438 p. (MIRA 15:7)

(Coal mining machinery)

LEYBOV, B.M., inzh.; BARON, L.I., prof., doktor tekhn. nauk, red.

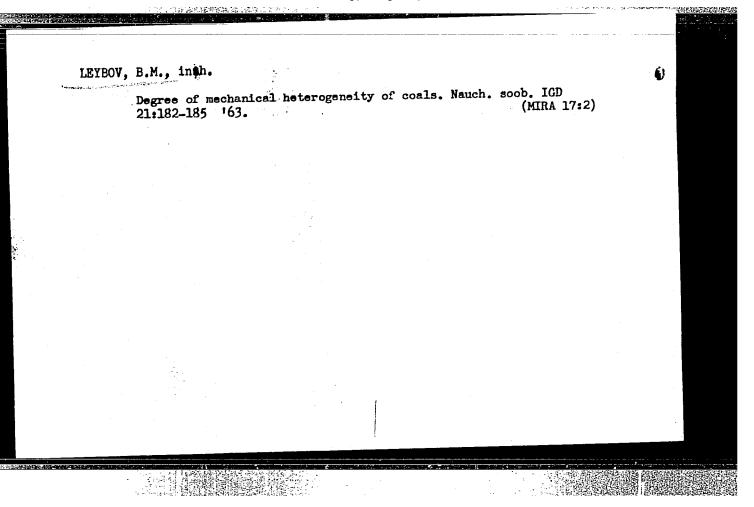
[Methodology of determining the resistance of coals to cutting from the results of mechanical tests of specimens of random shape] Metodika opredeleniia soprotivliaemosti uglei rezaniiu po resul'tatam mekhanicheskikh ispytänii obraztsov proizvol'noi formy. Moskva, Institut gornogo dela im.

A.A.Skochinskogo, 1962. 27 p. (MIRA 16:4) (Coal—Testing)



LEYBOV, B.M.

Crushing indices and methods of calculating the expected size of coal broken up by cutting. Fiz. mekh. svois., dav. i razr. gor. porod. no. 2:30-42 163. (MIRA 17:1)



L 8172-66 EWT(1)/EWA(h) ACC NR: AP5024993

SOURCE CODE: UR/0286/65/000/016/0056/0056

AUTHORS: Leybov, E. A.; Kurochkin, Yu. M.; Avilov, V. Ye.; Zaironkin, V. P.; Pleshkova, L. Ye.

ORG: none

TITLE: Vacuum-sealed high-voltage electromagnetic relay. Class 21, No. 173845 /announced by Organization of the Leningrad SNKh (Organizatsiya Leningradskogo SNKh)/

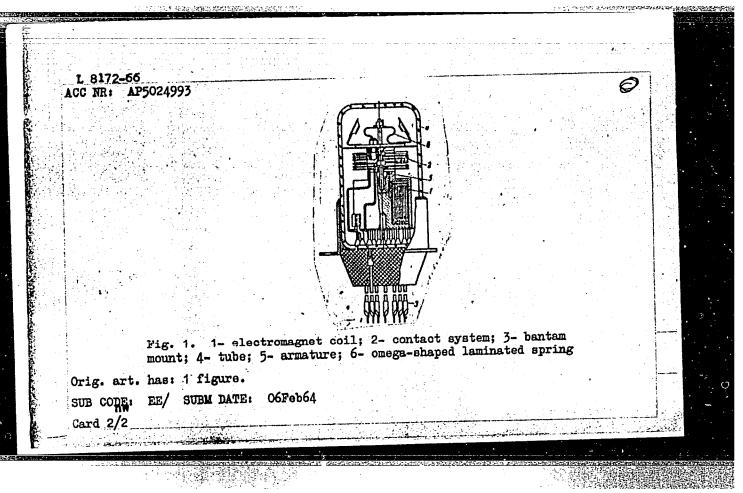
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 56

TOPIC TAGS: electromagnetic equipment, relay system, contact stress

ABSTRACT: This Author Certificate presents a vacuum-sealed high-voltage electromagnetic relay. The relay coil together with the contact system is placed inside an evacuated tube (see Fig. 1). The relay is set on a bantam mount. The design is intended to increase the wear resistance of the contacts and to reduce the size of the relay. The relay armature is attached to an omega-shaped laminated spring fastened to the frame of the electromagnet. This arrangement, together with the contact springs, is located in the upper part of the relay frame.

Card 1/2

UDC: 621.318.56.027.3



ACC NR: AP6029897

SOURCE CODE: UR/0413/66/000/015/0059/0060

INVENTOR: Leybov, E. L.; Kurochkin, Yu. M.; Avilov, V. Ye.; Zhironkin, Y. P.; Sokolov, I. L.; Mamontova, L. T.

ORG: none

TITLE: Vacuum electromagnetic relay. Class 21, No. 184351

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 59-60

TOPIC TAGS: electric relay, vacuum relay. technique!

ABSTRACT: A vacuum electromagnetic relay is introduced whose coil, wound with a heat-resistant wire, such as glass wire, is placed together with a contact system in

Fig. 1. Vacuum relay

1 - Coil; 2 - contact system;

3 - small leg; 4 - glass tube;

5 - armature; 6 - return spring;

7 - plate.

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a glass tube (see Fig. 1). To reduce both the weight and size of the relay, the device has a rotary armature, positioned parallel to the coil axis, and a return spring, placed together with contact springs on a plate perpendicular to the armature					
orig. art. has:	together with contact space : 1 figure.	prings on a	plate perpendic	ular to the a	Irmature [JR]
SUB CODE: 09/	SUBM DATE: 06Feb64/	ATD PRESS:	5069		
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VINOGRADOV, Nikolay Yakovlevich; KARASIK, N.S., otvetstvennyy redaktor; LEYBOV, M.K., redaktor; HERESLAVSKAYA, L.Sh., tekhnicheskiy redaktor

[Automatization of district telephone communications and the control of radio rediffusion centers] Automatizatsiia telefonnoi sviazi i upravleniia radiouzlami v raione. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 33 p. (MIRA 10:1) (Automatic control) (Telephone, Automatic) (Radio)

KETBUY, MK.

AUTHORS:

Call Nr: TK 5101.F 35 Fedorovich, Ye.G., Frolov, P. A.

TITLE:

Ways for Further Technical Progress of Means of Communication (Puti dal'neyshego tekhnicheskogo progressa sredstv svyazi) Courses in Communication

Technology (Lektsii po tekhnike svyazi)

PUB.DATA:

Gosudarstvennoye izdatel stvo literatury po voprosam svyazi i radio, Moscow, 1956, 34 pages, 12,000 copies

ORIG. AGENCY:

Technical Administration of the Ministry of

Communcations of the USSR

EDITORS:

Chief Ed: Fortushenko, A.D.; Ed: Leybov, M. K.; Tech.Ed: Sushkevich, V.I.;

PURPOSE:

The preface, signed by the Technical Administration of the Ministry of Communications, USSR, states that the monograph "is in essence a summary written to assist people giving reports who are managers of administrations and communication concerns." It is presented as part

Card 1/4

Ways for Further Technical Progress of Means of Communication (Cont.) of a lecture series on communication technology.

COVERAGE:

This booklet is a brief description of the principal objectives and trends in the technical development of communication facilities in the Sixth Five-Year Plan. Mention is made of the organization in 1956 of the Central Scientific Research Institute for Telephone Technique in Leningrad (NIITS) and of the Kiyev branch of the Central Scientific Research Institute for Communications (Taniis). There are no bibliographic

TABLE OF CONTENTS

Pre	face	
I.	Introduction	3
II.	Results of completion of the Fifth Five-Year Plan in the development of means of communication	5
III.	Basic indices of the development of communications in the Sixth Five-Year Plan	Ь
Card 2/		8

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R0009297200

4 5	Call Nr: TK 51 Principal trends of technical progress Creation of new systems and apparatus Mechanization of heavy and labor-consuming operations Modernization of existing equipment and apparatus Economic efficiency of technical solutions New scientific and technical problems	(Cont.) 10 11 23 24 25
Card 3/4	Development of a scientific and technical foundation	30

32

Ways for Further Technical Progress of Means of Communication (Cont.)

VI. Tasks in the field of technical information and

AVAILABLE: Library of Congress

Card 4/4

SEMENOV, Vesiliy Ivanovich; KUTSENKO, Petr Prokof'yevich; PADUCHIN,
Leonid Pudovich; AKIMOVA, N.M., otvetatvennyy redaktor;
IMTBOV, M.K., redaktor; SUSHKEVICH, V.I., tekhnicheskiy redaktor

[Automatization of telephone communication in a district]

Avtomatizatsiia telefonnoi aviazi v raione. Moskva, Gos.
izd-vo lit-ry po voprosam aviazi i radio, 1956. 37 p.

(Telephone, Automatic)

(MLRA 10:5)

THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

DANILOV, Viktor Aleksandrovich; D'YACHENKO, Vladimir Fedorovich; NEMIROV-SKIY, S.A., otvetstvennyy redaktor; LEYBOV, M.K., redaktor; BEHESIAVSKAYA, L.Sh., tekhnicheskiy redaktor

[The work of a brigade with installation of telephone cables lead-in]
Rabota brigady po ustroistvu vvodov telefonnogo kabelia. Moskva,
Gos. izd-vo lit-ry po voprosam sviazi i radio, 1957. 17 p.

(Telephone cables)

(MIRA 10:2)

AFANAS'YEV, Aleksandr Porfir'yevich; DUEROVSKIY, Ye.P., otv. red.; LEYBOV, M.K., red.; BERESLAVSKAYA, L.Sh., tekhn. red.

[Systematized servicing of subscriber's apparatus on municipal telephone networks] Razdel'noe obsluzhivanie abonentskikh ustroistv na gorodskikh telefonnykh setiakh. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1958. 28 p. (MIRA 14:9)

(Telephone—Equipment and supplies)

MALYSHEVA, Natal'ya Vladimirovna; NAUMOV, Boris Konstantinovich; OSTINSKIY, Aleksey Yakovlevich; YARTSEV, G.Ye., otv.red.; LEYBOV, M.K., red.; KARABILOVA, S.F., tekhn.red.

[Direct system of automatization and operation of long-distance telephone communications] Nemedlennaia sistema ekspluatatsii i avtomatizatsiia mexhdogorodnoi telefonnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1958. 53 p.

(MIRA 12:3)

1.Zamestitel' nachal'nika TSentral'noy mezhdygorodnoy telefonnoy stantsii (for Malysheva). 2. Glavnyy inzhener Rizhskoy mezhdugorodnoy telefonnoy stantsii (for Naumov). 3. Glavnyy inzhener Leningradskoy mezhdugorodnoy telefonnoy stantsii (for Ostinskiy).

(Telephone)

PETROV, Ya. V.; GALEEV, I. G.; GOLUBENTJEV, A. N.; Min. Engs.; <u>LEYBOV, R. M., Docent</u>. Electricity in Mining

Comments on K. I. Ozernoi's book "Electric Engineering in Mines." Ugol' 28, No. 4, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

(MLRA 7:6)

Protection from leakage in mine electric networks. Ugol' 29 no.5:5-6

1. Donetskiy industrial nyy institut.
(Electricity in mining)

LEYBOV.R.M., professor, doktor tekhnicheskikh nauk; KHORUNZHIY, V.A., Inzhener, redaktor; PROZOROVSKAYA, V.L., tekhnicheskiy redaktor

[Electrical equipment for underground coal mining; collection of articles] Elektrooborudovanie podsemnykh vyrabotok ugol-nykh shakht; sbornik statei. Moskva, Ugletekhisdat, 1955. 518 p. (MIRA 9:2)

(Coal mining machinery) (Electricity in mining)

SOY/112-59-4-6946

8(2)

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, p 75 (USSR)

AUTHOR: Leyboy, R. M.

ål.

TITLE: Improving the Leakage Protection in Mine Electric Networks

PERIODICAL: V sb.: Gorn. elektrotekhnika, M., Ugletekhizdat, 1957, pp 97-109

ABSTRACT: Existing leakage-protective systems are analyzed, and a RUV-type protection is recommended for mine electric networks; operating experience with RUV protection over a number of years revealed its efficiency. Today's projects on improving this type of protection are listed in detail. Having considered the functioning of the entire RUV protection and its individual parts, the author draws the lines for further improvement of the scheme and its operating methods. A table of RUV-tripping resistances, a signaling scheme, a 3-phase rectifier scheme supplied by choke coils, and a group-selective protection scheme are presented.

I.V.Kh.

Card 1/1

LEYBOV, R.M., professor, doktor tekhnicheskikh nauk; KRESTEV, K.I.,
inzhener.

Experience in operating the RUV-type ("section switching relay")
leakage protection. Bezop.truda v prom. 1 no.8:5-8 Ag '57.

(MLRA 10:8)

1.Donetskiy industrial'myy institut im. N.S. Khrushcheva.

(Electric relays)

(Electric currents, Leakage)

LEYBOV, R.M., prof.; MOSKALETS, K.I., kand. tekhn. nauk

Preventing current leakege. Bezon. trude v prom. 2 no.4:5-3 Ap '58.

1. Donetskiy industrial'nyy institut.

(Electricity in mining)

LEYBOV, R.M., prof. MUV protection in circuits with low-resistance insulation. Izv.vys. ucheb.zav.; gor.zhur. no.5:79-90 | 58. (MIRA 12:1) Donetskiy industrial'nyy institut.
 (Electricity in mining) (Electric currents (Leakage))

LEYBOV, R.M., prof.

Parallel operation of R.U.V.-type leakage relays. Izv.vys.ucheb.zav.;
shur. no.7:76-92 '58. (MIRA 12:3)

1. Donetskiy industrial'nyy institut.
(Electric currents, Leakage)

INTROV. R.M..prof.; SHUMEYKO, V.I., starshiy nauchnyy sotrudnik; SUMIN, I.F.

starshiy nauchnyy sotrudnik

Flexible, shielded cables in mines. Ugol' 33 no.4:29-31 Ap '58.

(MIRA 11:4)

1. Donetskiy industrial'nyy institut (for Leybov). 2. Makeyvskiy nauchno-issledovatel'skiy institut po bezopasnosti gornykh rabot (for Shumeyko, Sumin).

(Electricity in mining)

LEYBOV, R.M., prof., red.; FAYRISOVICH, I.L., otv.red.; MIRSKAYA, V.V., red.isd-va; LOMILIKA, L.W., tekhn.red.

[Underground electric equipment in foreign countries] Podsemnce elektrooborudovanic sa rubezhom; abornik atatei. Moskva, Ugletekhisdat, 1959. 307 p. (MIRA 13:6)

(Electricity in mining-Equipment and supplies)

Discriminatory group protection against current leakage in the

electric system of a mine section. Ugol' Ukr. 3 no.6:14-16 Je '59. (MIRA 12:11)

1. Donetskiy industrial my institut. (Electricity in mining)

KARPOV, Yevgeniy Fedorovich; KRAVCHENKO, Vladimir Sergeyevich, doktor tekhn. nauk; LEYBOV, Ruvim Moiseyevich, doktor tekhn.nauk; SHEYNBERG, Samuil Davydovich; MIRSKAYA, V.V., red.izd-ve; KOROVENKOVA, Z.A., tekhn.red.; BERESLAVSKAYA, L.Sh., tekhn.red.

[Automatic protective devices in mines] Avtomaticheskie shakhtnye zashchitnye ustroistva. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 111 p.

(MIRA 13:7)

(Electricity in mining--Safety measures)

New protection against the danger of touching the contact wires.

New protection against the danger of touching the contact wires.

of the electric haulage system. Bezop.truda v prom. 4 no.10:

21-22 0 60.

(MIRA 13:11)

1. Donetskiy politekhnicheskiy institut (for Leybov). 2. Dongiprouglemash (for Dremov). (Mine haulage-Safety measures)

Ways of improving the protection of flexible cables. Trudy MakNII 11.

Vop.gor.elektromekh.no.3s104-112 '60. (MIRA 16s5)

(MIRA 16s5)

LEYBOV, R.E., prof., doktor tekhn. nauk, red.; OGLOBLIN, D.N., prof., doktor tekhn. nauk, red.; NAYIUSH, A.M., prof., red.; KSENORNTOVA, A.I., prof., red.; MEDVEDEV, B.I., dots., red.; TARANOV, P.Ya., dots., red.; LEYYUOV, R.M., prof., red.; SITOKNAN, I.G., prof., red.; POLESIN, Ya.L., otv. red.; YEROKHIN, G.M., tekhn. red.

[Safety measures in the coal industry] Tekhnika bezopasnosti v ugol'noi promyshlennosti. Moskva, Gosgortekhizdat, 1963. 317 p.

1. Donetskiy politekhnicheskiy institut (for Taranov, Shtokman).

(Coal mines and mining—Safety measures)

LEYBOV, R.M., doktor tekhn.nauk; ZHELIKHOVSKIY, Kh.M., inzh.

Accuracy (sensitivity) of protection against leakage. Izv.vys.
ucheb.zav.; gor.zhur. 7 no.2:124-131 '64. (MIRA 17:3)

1. Donetskiy politekhnicheskiy institut. Rekomendovana kafedroy gornoy elektrotekhniki i avtomatiki.

33

B

L 16458-66

ACC NR: AP6009075; SOURCE CODE: UR/0105/65/000/004/0094/0094

AUTHOR: Alatortsev, S. A.; Blazhkin, A. T.; Gladilin, L. V.; Ivanov, A. A.;
Leybov, R. M.; Ozernyv, M. I.; Pirotskiv, P. P.; Rengevich, A. A.; Rozenman, Ye. A.;
Rys'yev, A. V.; Tulin, V. S.; Trop, A. Ye.

ORG: none

TITLE: Professor S. A. Volotkovskiy

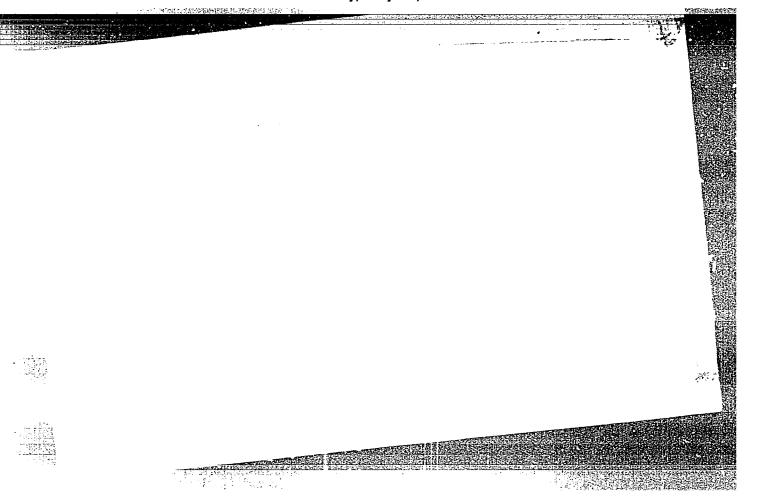
SOURCE: Elektrichestvo, no. 4, 1965, 94

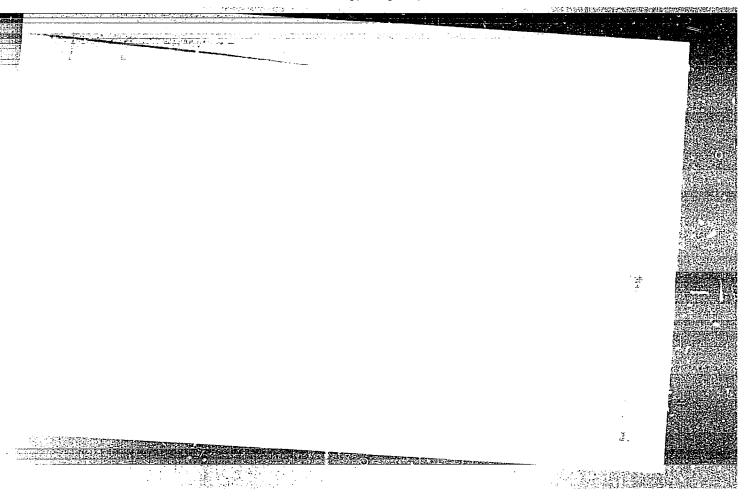
TOPIC TAGS: electric engineering personnel, mining engineering

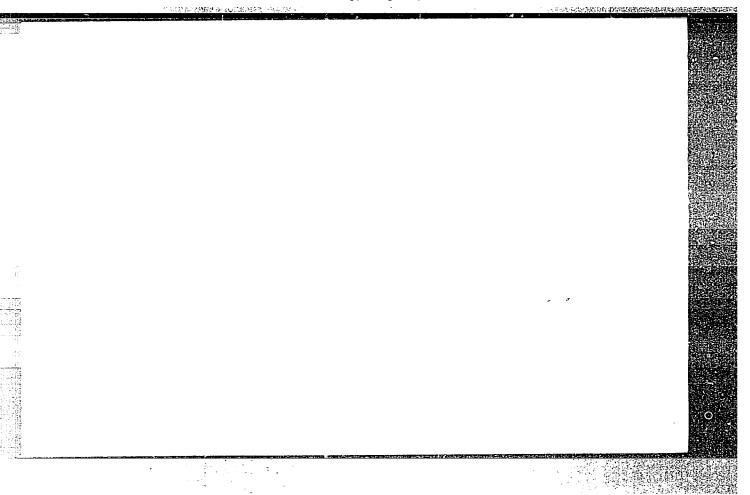
ABSTRACT: In this salute to Prof. Volotkovskiy on his 60th birthday, the dozen signers of the article state that he, as head of the department of electrificatic of mining operations and industrial enterprises of the Dnepropetrovsk mining institute, has been a leader in the electrification and modernization of mining processes. In the field since 1920, Sergey Andronikovich completed his studies in the Dnepropetrovsk mining institute. He worked in the institute from 1930-1941. He became a doctor of technical sciences and professor in 1950, while at the Sverdlovsk mining institute. He returned to the Dnepropetrovsk mining institute in 1959. A member of the party since 1927, he has published over 130 works. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 08, 09 / SUBM DATE: none

UDC: 622:621.311.002,5







LEY bor, Yu.L

AID P - 5156

Subject

USSR/Engineering

Card 1/1

Pub. 103 - 15/18

Author

: Leybov, Yu. L.

Title

Using high frequency heating for brazing bronze lining

in bushings.

Periodical

stan. 1 instr., 5, 43, My 1956

Abstract

The installation for overlaying bronze lining into steel bushing larger than 30 mm in diameter with the help of the MGZ-52 50 kw 2500 hertz generator is described by the author. The same generator has also been used for tempering parts and for bonding hard alloys and mineral-ceramic points of cutting tools at the Kusa (Chelyabinsk oblast') Construction Machinery Plant. One complete

drawing.

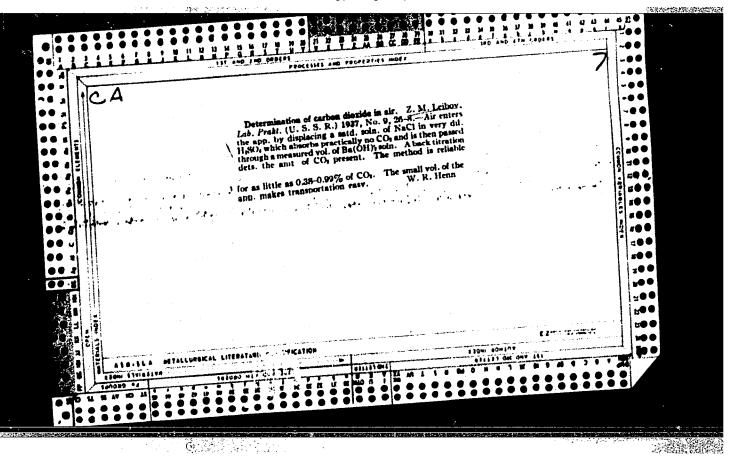
Institution :

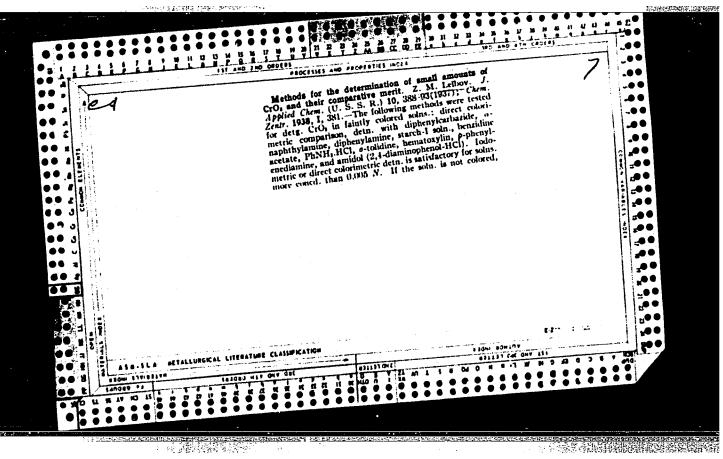
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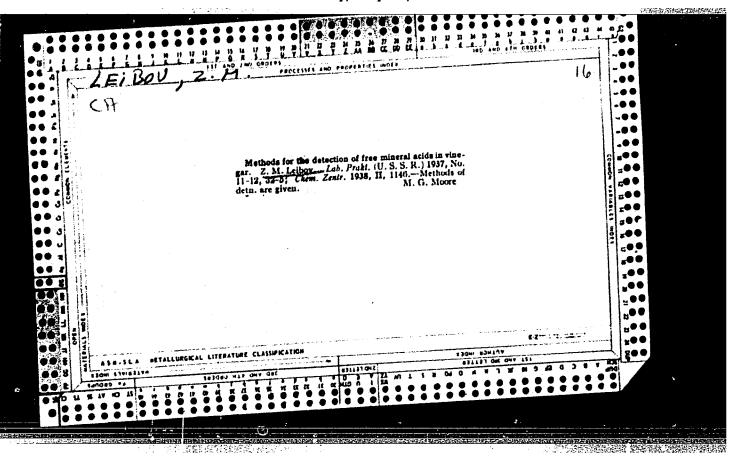
Submitted

No date

L 29685-66 EWT(1)/EWT(m)/T/EWP(w)/EWP(t)/ETI IJP(c) JH/JD/JG ACC NR. AT6011850 (N) SOURCE CODE: UR/2536/65/000/063/0086/0093	
AUTHORS: Bibikov, Ye. L. (Candidate of technical sciences); Leybov, Yu. M. (Engineer)	
ORG: Moscow Aviation Technology Institute (Moskovskiy aviatsionnyy tekhnologicheskiy institut)	e mare mare
TITLE: Influence of beryllium and magnesium additives on the properties of Al + 7% Si alloy	
SOURCE: Moscow. Aviatsionnyy tekhnologicheskiy institut. Trudy, no. 63, 1965. Proizvodstvo otlivok iz legkikh splavov (Production of Castings from light alloys),	
metal Property, solid mechanical Property, TOPIC TAGS: aluminum alloy, silicon alloy, magnesium, beryllium iron/ AL9 aluminum	and states and states and
ABSTRACT: The effect of the addition of Mg, Be, and Fe to Al + 7% Si alloy on the	is in the second
mechanical properties of the alloy was determined. The mg content turbulantities 0.6%, the Be content from 0 to 1.0%, and Fe was added in two different quantities 0.6%, the Be content from 0 to 1.0%, and Fe was added in two different quantities of 0.6%, the Be content from 0 to 1.0%, and Fe was added in two different quantities.	- Contract
percent elongation, hardness, etc, were determined and a lunction of alloy competents.	المالية المقائلية
and annealing temperature. The experimental results are shown as perfectively, to Al-Si alloys improves their mechanical and structural properties.	-
Card 1/2 VDC: 669-18:669.715:001.5	
Original Programmes.	-
SUB CODE: 11,20/SUBM DATE: none/ ORIG REF: 002 Content Mg %	
Card 2/APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513-0000	20

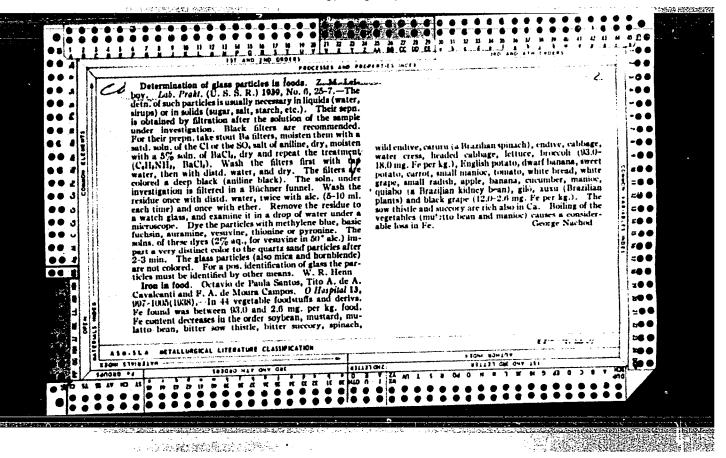


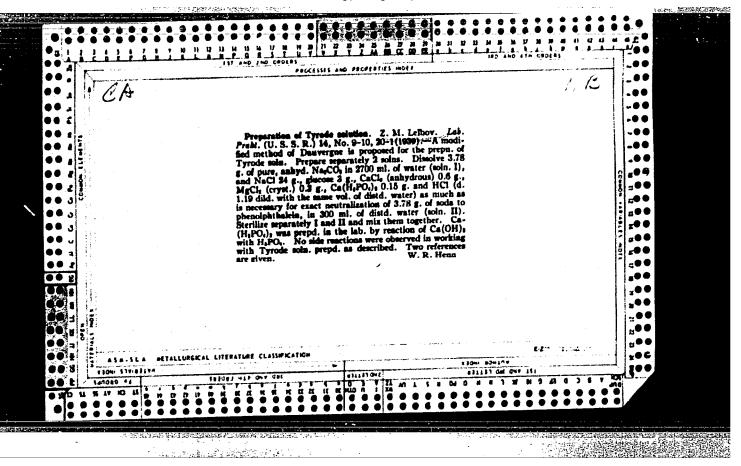


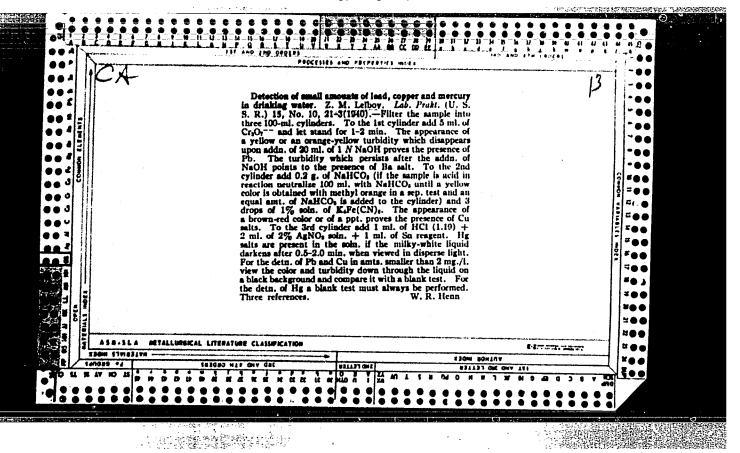


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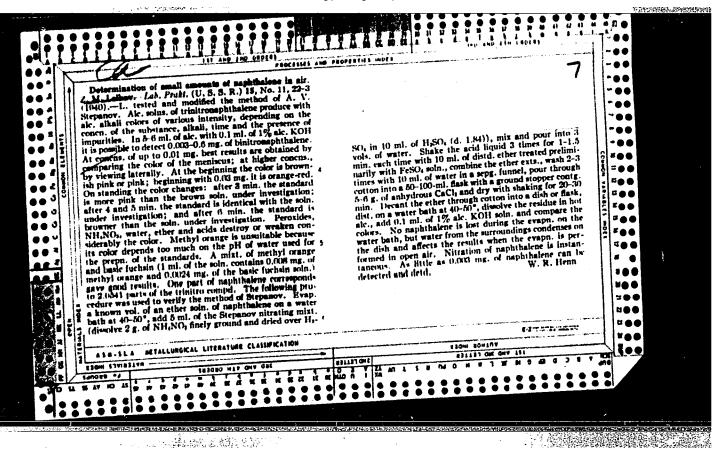


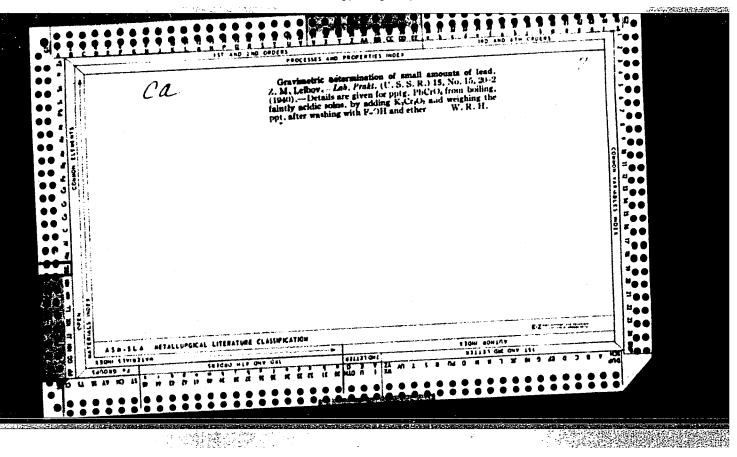


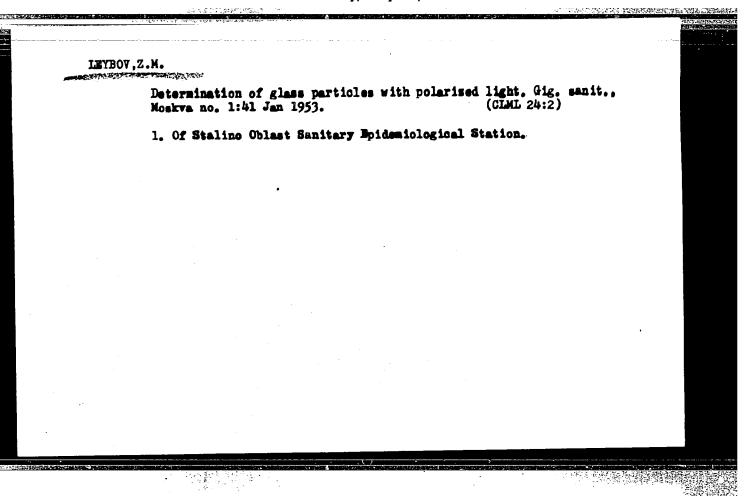


"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929720







LEYBOV, Ya.L. Filming of dynamic mock-up backgrounds. Tekh.kinc i telev. 4 (MIRA 13:7) no.6:74-75 Je 160.

1. Kinostudiya "Lenfil'm". (Motion pictures-Setting and scenery)

LEYBOVA, I. M., BALGODETELEVA, V. A., PISKAREVA, YE. V., AVTONOMOVA, L. V., KONONENKO, A. P., DERKACH, V. S., SAVCHENKO, A. M., SOGOMONOV, S. A., MUKHINA, N. A., GORGUNKEL', D. H.

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

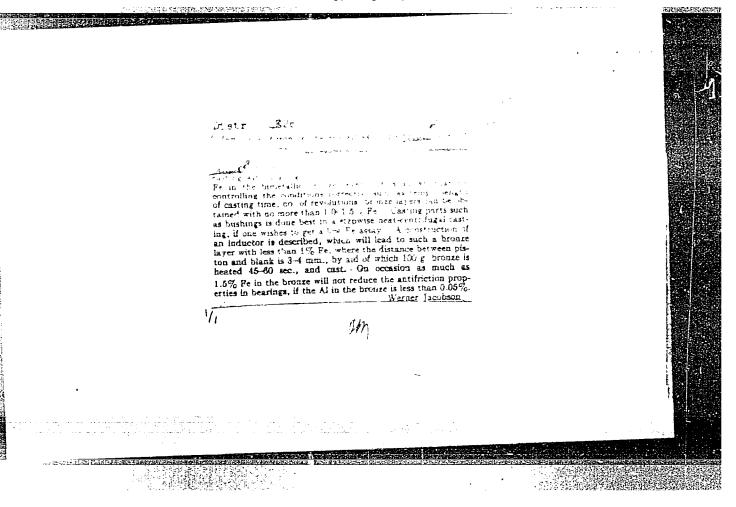
"The study of antitumor substances formed by microorganisms."

PALANT, B.L.; MITEL'MAN, P.M.; VEREZUB, L.G.; GORFUNKEL'-KOSHKINA, D.M.;
LEYBOVA, I.M.

Soluble antigen of pertussis bacillus for active immunization.
Zhur.mikrobiol.epid.i immun. 31 no.8:57-60 Kg '60. (MTRA 14:6)

1. Iz Khar'kovskogo instituta vaktsin i vyvorotok imeni Mechnikova.

(WHOOPING COUGH)



PRATUSEVICH, R.M.; <u>IE780VA</u>, N.M., ZCT'YEVA, A.S.

Increasing the durability of the gear wheels of machine tools. Stan.
i instr. 36 no.5:12-15 My '65.

(MIRA 18:5)

Programmed instruction in the practical training of navy specialists. Mor. ebor. 47 no.4:39-42 Ap :64.

(MTRA 18:7)

KAL'NIK, V.N., inzh.-kapitan-leytenant; LEYBOVICH, A.G., kapitan 3-go ranga; SARANTSEV, G.S., kapitan 2-go ranga

New methods of training specialists. Mor. sbor. 46 (MIRA 18:12)

no.10:14-20 0 163.

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929720

LEY BOVIUM,	A =.	BROWN SERVER
USSR/ Engin	sering - Building materials	
Card 1/1	Pub. 104 - 6/14	
Authors :	Krushel', L. E. and Leybovich, A. I.	
Title 1	Using local raw material for the production of glazed ceramics for building	
Periodical :	Stek. 1 ker. 11/11, 14-17, Nov 1954	
Abstract :	A survey is made of earths found in specified parts of the Soviet union that can be used as material for facing ceramic blocks used in the construction of buildings. The percentages of the ingredients of the respective earths are given along with special directions for processing each kind and descriptions of the finished products obtained. Thre USSR references (1952and1953)Illustrations; tables.	
institution:		
Submitted:		

LEYBOVICH Rorts Demodratch; TANANIN, Vladimir Vasil'yevich;

ZHIDELEV, M.A., nauchnyy red.; BONDAROVSKAYA, G.V., red.;
ABOLEMOV, V.P., red.; BARANOVA, N.N., tekhn. red.

[Methods for training milling machine operators under industrial conditions] Metodika proizvodstvennogo obucheniia frezerovshchtkov po metallu. Moskva, Proftekhizdat, 1963. 227 p.

(Milling machines)

(Metal cutting--Study and teaching)

LEYBOVICH, D.M.

Interlocking operation of the hydraulic closing devices for the bottom diffuser door. Sakh. prom. 32 no.5:45-46 My 158. (MIRA 11:6)

1. Belovodskiy sakharnyy zavod. (Diffusers)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-R

CIA-RDP86-00513R0009297

ZELIKMAN, I.F.; LEYBOVICH, D.M.

Affination of unrefined cane sugar at low temperatures. Izv.vys.-ucheb.zav.; pishch. tekh. no.3:50-53 '63. (MIRA 16:8)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra tekhnologii sakharistykh veshchestv.

(Sugar manufacture)

LEYBOVICH, D. M.; ZKLIKMAN, I. F.; TROYANOVA, N. L.

l. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra tekhnologii sakharistykh veshchestv.

(Crystallisation—Testing)
(Sugar manufacture)

LEYBOVICH, D.M.; ZELIKMAN, I.F.

Transfer of saccarose through the ion exchange membranes during the electrodialysis purification of its solutions. Sakh.prom.37 no.9:30-36 S '63. (MIRA 16:9)

1. Krasnodarskiy politekhnichsakiy institut. (Bucrose) (Electrodialysis)

Concentration of the affination solution. Sakh.prom. 38 no.2:69 F *164. (MIRA 1						
1. Krasnodarskiy politekhnicheskiy institut.						

Explosion in the cell for an oil circuit breaker. Prom. energ. 11 no.2:11-13 P *56.

(Electric circuit breakers)

KHORRING, G.M., kandidat tekhnicheskikh nauk; HELYAKOV, A.A.; KRESLIN'SH, E.K., knzhenér; SHERMAZANYAN, Ya.T.; LEYBOVICH, D.S.

Use of PPv wires. Prom.energ. 11 no.12:22-25 D 156. (MIRA 10:1)

1. Gosudarstvennyy proyektnyy institut Tyazhpromelektroproyekt (for Knorring).2. Gor'kovskoye otdeleniye Gosudarstvennogo proyektnogo instituta Elektroproyekt (for Belyakov). 3. Energosbyt Latvenergo (for Kreslin'sh). 4. Respublikanskiy proyektnyy institut, Yerevan (for Shermazanyan). 5. Trest "Moselektromontazh-2" (for Leybovich). (Electric wire, Insulated)

LE JBOVICH, D.S

AUTHOR:

Leybovich, D.S. (Engineer)

94-2-11/27

TITLE:

The use of Bus Barsin housing and communal buildings. (Shinoprovedy

v zhilykh i obshchestvennykh zdaniyakh.)

PERIODICAL:

Promyshlennaya Energetika, 1958, Vol.13. No.2. pp.25-26 (USER)

ABSTRACT:

To economise materials and simplify erection, the Technical Control and State Inspectorate of the Ministry of Electric Power Stations recommended, in December 1956, the use of steel or aluminium busbars for rising mains in housing and communal buildings. The decision was based on experience in housing in Moscow, the installations for which were suggested by Engineer I.I. Chechel nitskiy. The advantages of such installations are reliability, high load-carrying capacity, and rationalisation of wiring work. They save non-ferrous metals and cut construction costs. Several designs of vertical busbars have been developed and are illustrated in Figs.1 & 2. In one case, steel-strip busbars are installed in a pipe; in another they are enclosed in brickwork. The current-density in steel busbars should not exceed 0.3 - 0.5 amps/mm2; soft steel is best. The steel busbars should not be more than 3 mm thick, with at least 20 mm clearance between phases. The busbars are joined by welding. There are 2 figures.

ASSOCIATION: Moselektromontazh - 2)

Card 1/2

The use of Bus Bars in housing and communal buildings.

94-2-11/27

AVAILABLE: Library of Congress.

1. Bus bars-Materials 2. Bus bars-Applications

Card 2/2

LEYBOVICH, D.S., inzh.; KOBISHCHANOV, V.N., inzh., red.

[Reinforced-concrete electrical wall panel for apartment houses] Elektrotekhmicheskaia zhelezobetonnaia stenovaia panel' zhilogo doma; opyt tresta "Moselektromontazh-2" i SKB "Prokatdetal'" Glavmosstroia. Moskva, Gosstroiizdat, 1960. 14 p.

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii i tekhnicheskoy pomoshchi stroitel'stva. Byuro tekhnicheskoy informatsii. 2. Glavnyy tekhnolog tresta "Moselektromontazh-2" (for Leybovich).

(Concrete walls) (Electric wiring, Interior)

160.

(MIRA 13:7)

KOSOV, L.P.; LEYBOVICH, D.S. Industrialization of electric installation work in housing and public building construction. Prom.energ. 15 no.6:1-6 Je

(Building)
(Electric wiring)

(MIRA 13:7)

BIRGER, A., inzh.; KLOPOVSKIY, A., inzh.; LEYBOVICH, D.Ş. inzh. Using industrial methods in electric-wiring operations. Zhil. stroi. no.7:16-19 Jl '60. (MIRA 1

(Electric wiring, Interior)

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· CONTRACTOR STATEMENT OF THE STATEMENT

KUZNETSOV, I.I.; LEYBOVICH, E.Ye., redaktor; VINOGRADOVA, N.M., redaktor; VOLKOVA, 1e., termicheskiy redaktor.

[Diver's manual; safety measures and techniques for diving and underwater work] Rukovodstvo dlia vodolasa; organisatsiia i tekhnika besopasnosti vodolasnykh spuskov i podvodnykh rabot.

Moskva, Gos. isd-vo vodnogo transporta, 1954. 182 p. (MLRA 7:11)

(Diving, Submarine)

LEYBOVICH, F.; MAYCHAK, A.

Changes in the bicelectrical activity of the cerebral cortex in schizophrenia under the influence of single administrations of small doses of stelazine. Zhur. nevr. i psikh. 62 no.4:585 '62.

(MIRA 15:5)

1. Akademicheskaya gruppa chlena-korrespondenta AMN SSSR prof. A.V. Snezhnevskogo, klinicheskoye otdeleniya elektroentsefalograficheskoy laboratorii (zav. - prof. M.N.Livanov) Instituta vysshey nervnoy deyatel'nosti AN SSSR, Moskva.

(STELAZINE) (SCHIZOPHRENIA) (ELECTROENCEPHALOGRAPHY)

TO THE STREET PROPERTY OF THE PROPERTY OF THE

LEYBOYICH, F.A.

Changes in the bicelectric mosaic of the cerebral cortex in depressive patients treatend with porazid. Zhur.nerv.i psikh. 59 no.12:1470-1479 159. (MIRA 13:4)

1. Akademicheskaya gruppa chlena-korrespondenta AMN SSSR prof. A.V. Sneshnevskogo, klinicheskoye otdeleniye elektroentsefalograficheskoy laboratorii (zav. - prof. M.N. Livanov) Instituta vysshey nervnoy deyatel nosti AN SSSR, Moskva.

(PSYCHOSES MANIC, DEPRESSIVE ther.)

(PSYCHOSES MANIC, DEPRESSIVE ther.)
(IPRONIAZID ther.)
(CEREBRAL CORTEX pharmacol.)

LEYBOVICH, F.A.

Studies on electrical activity changes in the cerebral cortex in patients with depressive states during treatment with imizin (tofranil). Zhur.nevr.i psikh. 61 no.2:186-200 '61.

(MIRA 14:6)

1. Akademicheskaya gruppa chlena-korrespondenta AMN SSSR prof.

A.V.Snezhnevskogo, klinicheskoye otdeleniye elektroentsefalograficheskoy laboratorii (zav. - prof. M.N.Livanov) Instituta vysshey nervnoy deyatel'nosti AN SSSR, Moskva.

(DEPRESSION, MENTAL) (PIPERAZINE)

(ELECTROENCEPHALOGRAPHY)

LEYBOVICH, F.A.

Study of changes in the bio-electric mosaic of the cerebral cortex in schizophrenics during treatment with acepromazine (plegicil). Zhur. nevr. i psikh. 61 no.6:896-901 '61. (MINA 15:2)

1. Akademicheskaya gruppa chlena-korrespondenta AMH SSSR prof.
A.V.Snezhnevskogo, klinicheskoye otdeleniye elektroentsefalograficheskoy laboratorii (zav. - prof. M.N.Livanov) Instituta vysshey nervnoy deyatel nosti AN SSSR, Moskva.

(SCHIZOPHRENIA) (ACEPROMAZINE) (ELETROPHYSIOLOGY)

(CEREBRAL CONTEX)

LEYBOVICH, F.A.

Studies of the bioelectrical activity of the cerebral cortex in epilepsy. Vest. AMN SSSR 17 no.1:65-77 '62. (MIRA 15:3)

(CEREBRAL CORTEX)

1. Iz akademicheskoy gruppy chlena-korrespondenta AMN SSSR professora A.V. Snezhnevskogo.
(EPILEPSY)

SHTERNBERG, E.Ya.; LEYBOVICH, F.A.; KORCHINSKAYA, Ye.I.

Clinical and electroencephalographic studies of patients with Huntington's chorea and their relatives. Zhur.nevr. i psikh. 62 no.12:1843-1854 *62 (MIRA 16:11)

1. Kafedra psikhiatrii TSentral nogo instituta usovershenstvovaniya vrachey i Institut psikhiatrii (dir. - prof. A.V. Snezimevskiy) AMN SSSR, Moskva.

LEYBOVICH, F.A.; SHUMSKIY, N.G.

Clinical and electroencephalographic studies on aged patients with cyclic depression. Zhur. nevr. i psikh. vol. 64 no.5:746-754 '64. (MIRA 17:7)

1. Institut psikhiatrii AMN SSSR i kafedra psikhiatrii TSentral'nogo instituta usovershenstvovaniya vradhey, Moskva.

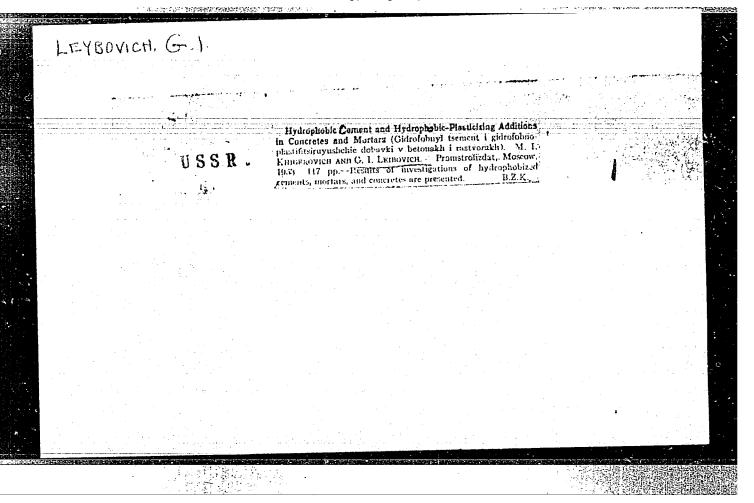
LEYBOVICH, F.A.; SHCHIRINA, M.G.

Bioelectrical activity of the cerebral cortex and the characteristics of psychopathological disorders in some forms of cerebrovascular lesions. Zhur. nevr. i psikh. 65 no.6:874-882 165. (MIRA 18:6)

l. Institut psikhiatrii AMN SSSR i kafedra psikhiatrii TSentral'nogo instituta usover: henstvovaniya vrachey, Moskva.

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CIA-RDP86-00513R000929720



BRUSILOVSKIY, I.A., dotsent; BATSMAN, N.D.; LEYBOVICH, G.S.

Detection and treatment of precancerous conditions of the cervix uteri under conditions of a mud therapy spa. Sov. med. 25 no.8: 129-131 Ag '61. (MIRA 15:1)

1. Iz kafedry akusherstva i ginekologii Krymskogo meditsinskogo instituta (zav. - prof. A.I.Petchenko) i sanatoriya imeni II s"yezda Kommunisticheskoy partii Sovetskogo Soyuza (glavnyy vrach N.D.Batsman), Yevpatoriya.

(UTERUS__DISEASES) (BATHS, MOOR AND MUD)

KOYEN, Ya.I.; LEYBOVICH, I.A.

Late results of treatment of the breast; from data of the Nikolaev Province Oncological Dispensary. Vop. onk. 6 no.5:98-102 My '60 (MIRA 14:3)

(BREAST--CANCER)

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GERSHTEYN, A.R., inzh.; ANIKEYEVA, A.F., inzh.; LEYBOVICH, I.R.; SAL'KOV, B.L., inzh.

Concerning S.T.Ivanov's article "Mistakes in designing the electrical section of electric power plants and substations." Elek. sta. 36 no.2:83-85 F '65. (MIRA 18:4)

LEYBOVICH, KH. M.

LEXECVICH. KH. M. - inzh. i, GORCHAKOV, G. I. - kand. tekhn, nauk., KHIGEROVICH, M. I. kand. tekhn. nauk

Vsesoyuznyy nauchno-issledovatel'skiy institut tsementnoy proyshlennosti (NIITSement)

PRIMENENIXE GIDROFOENOGO TSEMENTA V STROITEL'STVE

Page 105

SC: Collection of Annotations of Scientific Research Work on Construction, accpleted in 1950, Moscow, 1951

LEYBOVI H, Kh, M.

"The Effect of Hydrophobization on the Preperties of Cements and Concretes." Cand Tech Sci, All-Union Sci Res Inst of Glass, Min Construction Materials Industry USSR, Moscow, 1955. (KL, No 13, Mar 55)

So: Sum. No 670, 29 Scot 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

97-57-9-10/17

AUTHORS:

Leybovich, Kh. M. (Candidate of Technical Sciences and

Kapkin, M. M. (Engineer).

TITLE:

Effect of Organosilicon Additives on the Durability Concrete (Vliyaniye kremniyorganicheskikh dobavok na Additives on the Durability of

stoykost' betona).

PERIODICAL:

Beton 1 Zhelezobeton, 1957, Nr.9. pp.369-371 (USSR).

ABSTRACT:

The durability of concrete depends on the action of aggressive materials and the effect of frost. The effect of aggressive materials in adverse conditions does not depend only upon the chemical and mineralogical composition of Portland cement, but also on the physical properties of concrete, which tend to increase corrosion. During recent years surface-active additives have been widely used for concrete, with the effect of changing the structure of the concrete and increasing its density. NIITsement carried out investigations aimed at increasing the durability of concrete made from cements containing C3A in excess of 5% (that is, cement which does not comply with the temporary technical requirements of MPSM, USSR (1949), allowing for the fact that the concrete would be subjected to frost and other aggressive media. Experiments were carried out on the

Card 1/4

97-57-9-10/17

Effect of Organosilicon Additives on the Durability of Concrete. effect of organo-silicon additives in cement; a sodium salt of methyl silicon and ethylpolysiloxanes were used. Methyl silicon compound is a white powder soluble in caustic soda. This was introduced into a concrete mixture in a 16% solution. Ethylpolysiloxane (KZh) is an oily liquid which is insoluble in water. This was used in a 50% aqueous emulsion. The cements used in these investigations were prepared in the laboratory of the Nikolayev plant. The mineralogical composition of the clinker was: C₃S - 60%, C₂S - 17%, C₃A - 13%, C₄AF - 9%; the degree of grinding of cement was defined by the residue on sieve No.0085, and equalled 8%. The effect of organo-silicon compounds on the strength of cement was defined according to the method of GOST 310-41. Results are tabulated in Table 1. Data obtained show that organo-silicon compounds used in quantities of 0.05 and 0.1% increase slightly the hardness of the cement with regard to compression as well as to tension. The additive of 0.2% decreases the strength in compression and increases the strength in tension. The influence of organo-silicon additives was investigated in concrete which contained equal or

Card 2/4

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Organosilicon Additives on the Durability of Concrete. smaller quantities of water in comparison with controlled concretes (without additives). The tests on strengths and frost-resistance were carried out on test cubes and 1 rost-lesistance were carried out on test caused was 1: 1.75: 3.5, 10 x 10 x 10 cm. The concrete mix used was 1: 1.75: 3.5, and the water/cement ratio was 0.45 and 0.35-0.38. A and the water/cement ratio was 0.45 and consolidation of the vibrator was used in the casting and consolidation of the cement. The aggregates consisted of granite ballast graded down from 20 mm, and "Moskvoretsk" sand. Table 1 gives the strength of the cement in grout of stiff consistency, of 1: 3. Table 2 gives the properties of concrete mix with water/cement ratio of 0.45. Ethylpolysiloxane compounds very easily plasticize concrete mixes with water/cement ratio equalling 0.45, as shown in Table 2 and in Fig.1. The plasticizing action of organo-silicon materials in concrete mixes with water/cement ratio of 0.45 was evaluated by its workability - defined by the method of Prof. B. G. Skramtayev. Fig.2 gives a graph of the strengths of the concrete test cubes made with water/cement ratio of 0.45, in relation to the form and quantity of organosilicon additives. Table 3 gives properties of concrete mixes of a similar workability prepared with a small

Card 3/4

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Effect of

97-57-9-10/17

Effect of Organosilicon Additives on the Durability of Concrete.

quantity of water and deposited by vibration without load. Fig. 3. gives graphs of the strengths and frost resistance of concrete test cubes made with water/cement ratio of 0.35 - 0.38, in relation to the type of organosilicon additive. Fig. 4 shows a graph of the frost resistance of concrete test cubes with water/cement ratio of 0.45, in relation to quantity of additives used. The cubes were defrosted in an aggressive medium (sea water) of the following composition (in gms per litre):

MaCl - 27.213; MgCl₂ - 3,807; MgSO₄ - 1.658; CaSO₄ - 1.260 MaCl - 27.213; MgCl₂ - 3,807; MgSO₄ - 1.658; CaSO₄ - 0.510 The total quantity of salts was 35.510 gm per l litre. As a result of the above investigations it was possible to obtain frost resisting concrete, based on cement with high content of tricalcium aluminate, by adding 0.1 - 0.15% of ethylpolysiloxane compounds.

AVAILABLE: Library of Congress.

 Concrete-Durability 2. Concrete-Weather effects 3. Concrete-Additives-Effectiveness

Card 4/4

ROYAK, S.M., dotsent, kand.tekhn.nauk; LEYBOVICH, Kh.M., kand.tekhn.nauk

Cement for speeded-up production of prestressed concrete construction elements. Trudy NIITSement no.13:51-67 *60. (MIRA 13:11)
(Cement) (Precast concrete)

31973 s/081/61/000/023/042/061 B138/B101

15.3200

Sheykin, A. Ye., Royak, S. M., Leybovich, Kh. M.,

Nikolayev, V. L. AUTHORS:

er andre de deservación de deservaci

Long-time strength gain of concrete

Referativnyy zhurnal. Khimiya, no. 23, 1961, 355, abstract TITLE:

23K380 (Tr. Gos. Vses. n.-i. in-ta tsementn. prom-sti, PERIODICAL:

1960, no. 14, 118-130)

TEXT: When C3S and C2S are hydrated, hydrosilicates of the same composition and structure are formed. In a cement brick they form an independent phase with a highly dispersed crystalline structure and a slight tendency to secondary crystallization. According to Bernal this is due to crystals which have a lamellar structure, so that the interplanar spacings vary in dependence on water content. There are three components to the structure of cement brick: (a) a crystalline concretion formed by isomorphously crystallizing compounds of Ca(OH)2 and 3CaO·Al2O3·6H2O and hydrosulfoaluminates of calcium; (b) a gelling structural component formed by the

Card 1/3

s/081/61/000/023/042/061 B1 38/B101

calcium hydrosilicates; (c) partially hydrated grains of portland cement Long-time strength gain ... clinker. The physicomechanical properties vary in dependence on the quantitative ratio of the structural components and the degree of hydration of the cement grains. Strength variations with time are the result of two opposing processes: (a) thickening of the gel, which consolidates the structure and increases the strength of the cement brick; (b) ageing of the crystalline concretion, which is accompanied by a reduction in strength. In the initial stages of solidification, strength is determined mainly by the number of few formations able to produce crystalline concretions. This means that strength diminishes in the early stage of solidification as the belite concentration increases. Higher belite concentration causes the strength increase period to be extended. This is attributed both to the hydration of the cement and the thickening of the gel. Ageing of the crystalline concretion is the result of the disintegration of unstable mixed crystals to form a metastable multi-phase state, causing increased embrittlement and changing the physicomechanical properties of the brick. Depending on the combined effect of these properties of the period of strength gain may be extended, the variation in time may be negligible, or strength may go completely. A method is proposed for the determination of the possibility of a long-time strength Card 2/3

CIA-RDP86-00513R0009297200 **APPROVED FOR RELEASE: Monday, July 31, 2000**

ROYAK, S.M., dotsent, kand.tekhn.nauk; LEYBOVICH, Kh.M., kand.tekhn.nauk; CHERKASOVA, A.F., kand.tekhn.nauk

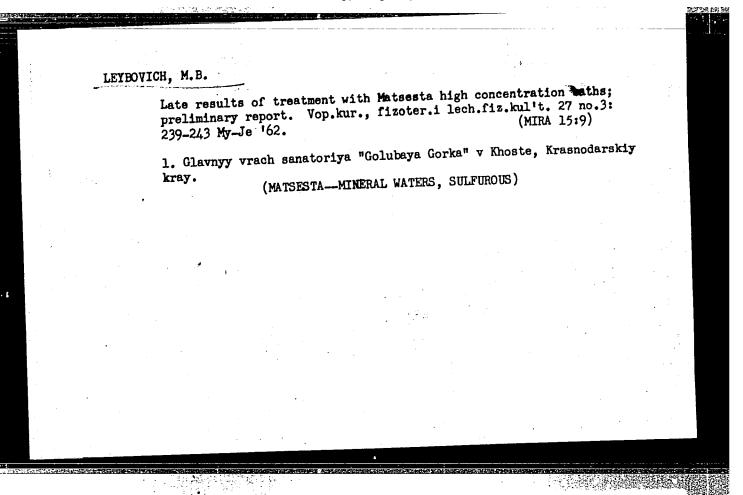
Rapid method of determining the grade of cement by using contact heating. Nauch. soob. NIITSementa no.12:35-38 '61. (MIRA 15:7) (Cement-Testing)

Water repellent cement with synthetic additives. TSement
(MIRA 18:12)

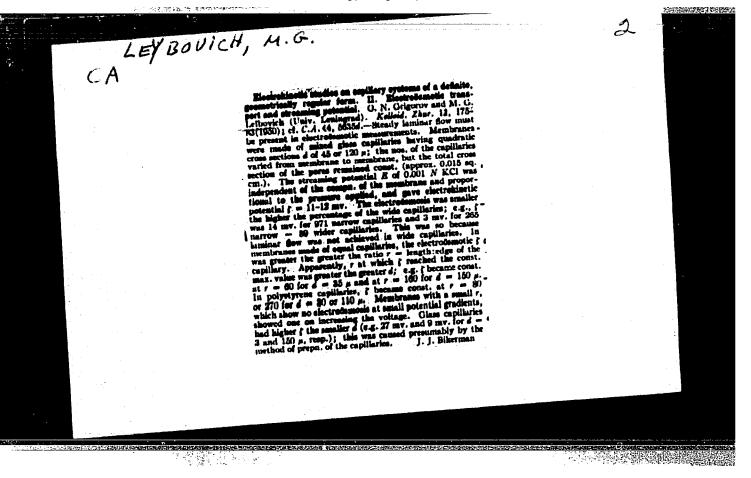
1. Vsesoyuznyy gosudarstvennyy nauchno-issledovatel'skiy
institut tsementnoy promyshlennosti.

- LEYBOVICH, L., Eng.
- USSR (600)
- Cream Separators
- Using steam-turbine separators of the Fialkov system. Moloch.prom., 14, no. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.



Results of organizing climatotherapy in the "Golubaya Gorka"
Sanatorium. Vop.kur., fizioter. i lech fiz. kultt. 28 no.2:
Sanatorium. Wh. 4p 163.
(SOCHI—SANATORIUM.). (CLIMATOLOGY, MEDICAL)



ABDURASULOV, D.M., prof.; LEYBOVICH, M.M., assistent; ALESHIM, V.A., ordinator
Diagnosis of foreign bodies of the esophagus. Shor.trud.Tashk.KEMP
no.1:193-198 '56
(ESOPHAGUS-FOREIGN BODIES)